

Name of Work: Estimate For Construction of Zym and Library building at Jalahalli in Ward No-16

Description	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.								
footing		9.00	2.00	2.00	2.00	72.00		
for SSM 23cm wall		1.00	9.75	1.05	0.90	9.21		
		1.00	12.80	1.05	0.90	12.10		
		1.00	7.31	1.05	0.90	6.91		
		1.00	9.75	1.05	0.90	9.21		
		1.00	7.62	1.05	0.90	7.20		
For Sump		1.00	2.40	4.50	1.50	16.20	128.68	2085.10
	cum					132.83	172.78	22951.00
2 KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications(P.No-12 ,I No-4.2)								
footing		9.00	2.00	2.00	0.15	5.40		
for SSM 23cm wall		1.00	9.75	1.05	0.15	1.54		
		1.00	12.80	1.05	0.15	2.02		
		1.00	7.31	1.05	0.15	1.15		
		1.00	9.75	1.05	0.15	1.54		
		1.00	7.62	1.05	0.15	1.20		
For Sump		1.00	2.40	1.50	0.15	0.54		
for Flooring GF		1.00	8.07	10.81	0.15	13.09	139.94	13602.00
	cum					26.46	5194.21	137461.00
3 KSRB 5.2-2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P-23, I.No-5.6)								
for SSM		1.00	9.75	0.90	0.75	6.58		
		1.00	12.80	0.90	0.75	8.64		
		1.00	7.31	0.90	0.75	4.93		
		1.00	9.75	0.90	0.75	6.58		
		1.00	7.62	0.90	0.75	5.14	4058.74	129894.00
	cum					31.88	3836.35	122304.00
4 KSRB 4.2.2 : Providing and laying in position reinforced cement cum concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggretes @ 0.460 cum, with 'super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnpillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. (P.No-13 ,I No-4.11)								

Description	Unit	No	L	B	D	Qty	Rate	Amount
Footing		9.00	1.80	1.80	0.45	13.12		
For Sump Flooring		1.00	2.40	1.50	0.15	0.54		
Coloumn up to GL		9.00	0.23	0.38	1.35	1.06		
plinth		1.00	9.75	0.23	0.45	1.01		
		1.00	12.80	0.23	0.45	1.32		
		1.00	7.31	0.23	0.45	0.76		
		1.00	9.75	0.23	0.60	1.35		
		1.00	7.62	0.23	0.75	1.31		
Coloumn GF		9.00	0.23	0.38	2.70	2.12		
Coloumn FF		9.00	0.23	0.38	2.70	2.12		
waist slab GF,FF	2.00	2.00	4.00	0.90	0.15	2.16		
landing slab GF,FF	2.00	2.00	2.40	0.90	0.15	1.30		
landing slab GF,FF		2.00	1.80	0.90	0.15	3.24		
For Steps	20.0	0.5	0.90	0.30	0.15	0.14		
Roof Beam GF		2.00	9.75	0.23	0.30	1.35		
		1.00	7.31	0.23	0.30	0.50		
		1.00	12.80	0.23	0.30	0.88		
		1.00	8.65	0.23	0.30	0.60		
Roof Beam FF		2.00	9.75	0.23	0.30	1.35		
		1.00	7.31	0.23	0.30	0.50		
		1.00	12.80	0.23	0.30	0.88		
		1.00	8.65	0.23	0.30	0.60		
Slab		2.00	8.53	11.30	0.15	28.92		
For Sump Slab		1.00	2.40	1.50	0.15	0.54	6085.54	411657.12
						67.67	6397.06	432886.16
Total	cum							
5 KSRB 4-6.1 : Providing and removing centering , shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specification No. KBS 4.6.2 (P-15, I.No-4.28)								
footings	sqm	9.00	7.20		0.45	29.16		
Coloumn up to GL		9.00	1.22		1.35	14.82		
Plinth Beam		4.00	9.75		0.45	17.55		
		2.00	7.31		0.45	6.58		
		2.00	12.80		0.45	11.52		
		2.00	8.65		0.45	7.79	240.08	21837.00
						87.42	232.14	20293.00
6 KSRB 4-6.5 : Providing and removing centering , shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification No. KBS 4.6.2 (P-15, I.No-4.32)								
coloumn (GF)		9.00	1.22		2.70	29.65		
FF		9.00	1.22		2.77	30.41	883.40	25027.00
	sqm					60.06	358.28	21519.00
7 KSRB 4-6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per specification No. KBS 4.6.2 (P-15, I.No-4.30)								
For Sump Slab		1.00	2.40	1.50		3.60		
Slab GF and FF		2.00	8.53	11.30		192.78		

Description	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P-25, I.No-5.27)						196.38	377.36	74105.20
GF		2.00	9.75		2.70	52.65		
		1.00	7.31		2.70	19.74		
FF		1.00	12.80		2.70	34.56		
		2.00	9.75		2.70	52.65		
		1.00	7.31		2.70	19.74		
		1.00	12.80		2.70	34.56		
For Parapet		2.00	9.75		0.90	17.55		
		1.00	7.31		0.90	6.58		
		1.00	12.80		0.90	11.52		
For Sump		2.00	2.40		1.50	7.20		
		2.00	1.50		1.50	4.50		
						261.24		
Deductions For Window,Door								
GF W		8.00	1.50		1.20	14.40		
W1		2.00	0.90		1.20	2.16		
D		1.00	1.05		2.10	2.21		
FF W		8.00	1.50		1.20	14.40		
W1		2.00	0.90		1.20	2.16		
D		1.00	1.05		2.10	2.21		
Deductions						37.53	999.18	223619.00
Net Quantity	cum					223.71	982.71	219845.00
9 KSRB 6-7.2 : Construction of partition wall 11.2 cms thick with nonmodular table moulded burnt bricks of class designation 50 with cement mortar 1:4 including providing and fixing plaster mesh manufactured outof hot dipped galvanised iron of nominal thickness 0.35 mm. 100 mm. wide as per I.S. 2212/1991 at 7.5 m. c to c including cost of materials,labour charges, scaffolding, curing complete as per specifications. 5.0 newton per sqm (P-28, I.No-6.25)								
For Toilet GF		1.00	3.80		3.00	11.40		
FF		1.00	3.80		3.00	11.40	824.09	18785.11
Total	sqm					22.80	871.32	19866.10
0 KSRB 4-6.10 :Providing and removing centering, shuttering, strutting,propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifiaiton. Specification No. KBS 4.6.2 (P-16, I.No-4.37)								
Chajjas								
GF W		8.00	1.80	0.60		8.64		
W1		2.00	1.20	0.60		1.44		
FF W		8.00	1.80	0.60		8.64		
W1		2.00	1.20	0.60		1.44	248.78	241.00
	sqm					18.72	265.00	4961.00
1 KSRB 4.2.10 : Providing and laying in position reinforced cementconcrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.5175cum and fine aggretes @ 0.345cum, with superplastiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour,HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P-14, I.No-4.19)								

Description	Unit	No	L	B	D	Qty	Rate	Amount
Chejja								
GF	W	8.00	1.80		0.60	8.64		
	W1	2.00	1.20		0.60	1.44		
FF	W	8.00	1.80		0.60	8.64		
	W1	2.00	1.20		0.60	1.44		
	Sqm					20.16	473.86	9553.00
2 KSRB 4-6.11 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2								
waist slab GF, FF	2.00	2.00	4.00	0.90		14.40		
landing slab GF, FF	2.00	2.00	2.40	0.90		8.64		
landing slab GF, FF		2.00	1.80	0.90		3.24	103.28	1322.60
	sqm					26.28	460.04	12090.00
3 KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P-17, I.No-4.46.2)								
						7.8	76647.6	597851.00
14 KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-3.14 : - do - cement mortar 1:4								
Ceiling								
GF		1.00	8.07	10.81		87.24		
FF		1.00	8.07	10.81		87.24		
Roof Beam GF		2.00	8.20	0.30		4.92		
Roof Beam GF		2.00	8.20	0.30		4.92	179.13	33018.00
Total	sqm					184.31	173.53	31983.00
15 KSRB 15.3.2 Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-3.2 : - do - cement mortar 1:4 (P-109, I.No-15.10)								
Internal wall								
GF		2.00	9.29		2.90	53.88		
		1.00	6.85		2.90	19.87		
		1.00	12.34		2.90	35.79		
FF		2.00	9.29		2.90	53.88		
		1.00	6.85		2.90	19.87		
		1.00	12.34		2.90	35.79		
For Sump		2.00	2.40		1.50	7.20		
		2.00	1.50		1.50	4.50		
						230.77		
Deductions For Window, Door								
GF	W	8.00	1.50		1.20	14.40		
	W1	2.00	0.90		1.20	2.16		
	D	1.00	1.05		2.10	2.21		
FF	W	8.00	1.50		1.20	14.40		
	W1	2.00	0.90		1.20	2.16		

Description	Unit	No	L	B	D	Qty	Rate	Amount
D		1.00	1.05		2.10	2.21		
Total	sqm					37.53	166.42	3215.00
KSRB15-3.7 : Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications KSRB15-3.11 : - do - cement mortar 1:4 (P-109, I.No-15.15)								
GF		2.00	9.75		3.50	68.25		
		1.00	7.31		3.50	25.59		
GF		1.00	12.80		3.50	44.80		
		2.00	9.75		5.00	97.50		
		1.00	7.31		5.00	36.55		
		1.00	12.80		5.00	64.00		
Deductions For Window, Door								
GF	W	8.00	1.50		1.20	14.40		
	W1	2.00	0.90		1.20	2.16		
	D	1.00	1.05		2.10	2.21		
FF	W	8.00	1.50		1.20	14.40		
	W1	2.00	0.90		1.20	2.16		
	D	1.00	1.05		2.10	2.21	199.88	7977.40
Total	sqm					374.22	190.54	71302.00
17 KSRB15-3.4 : Providing 15mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. KSRB15-3.5 : - do - cement mortar 1:4 (P-109, I.No-15.12)								
GF	W							
W		8.00	1.80		0.65	9.36		
W1		2.00	1.20		0.65	1.56		
FF								
W		8.00	1.80		0.65	9.36		
W1		2.00	1.20		0.65	1.56	206.70	4114.00
	sqm					21.84	201.14	4393.00
18 KSRB 4-2.12 : Extra for providing throating or drip moulding to R.C.C.chajja with plastering (labour charges only) as per specifications.Specification No. KBS (P-14, I.No-4.21)								
GF	W							
W		8.00	3.00			24.00		
W1		2.00	2.40			4.80		
FF								
W		8.00	3.00			24.00		
W1		2.00	2.40			4.80	20.14	1160.00
	sqm					57.60	18.02	1038.00
19 Providing vittrified tiles 60 x 60cms of approved make, shade and size for flooring laid on a bed of 12mm thick cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing complete as per specification. (P-104, I.No-14.45)								
Flooring GF and FF		2.00	8.07	10.81		174.47		
Deduct Toilet Qty						3.60	1087.16	18583.97
						170.87	1106.64	189095.34

Description	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 14-17.2 : Providing skirting, dado, rises of steps with colourglazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials,labour, complete as per specifications. Colour glazed tiles 30x45 cms 6mm thick with border of size 30 x 10 cms. (P-103, I.No-14.41.1)								
Toilets GF and FF		2.00	4.23		2.10	17.77	1037.77	18426.60
	sqm					17.77	998.52	17740.00
KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mmthick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. Specification No. KBS do_ for Ceramic Tiles of size 30x30cms (P-103, I.No-14.36.2)								
Flooring GF and FF	sqm	2.00	1.20	1.50		3.60	999.58	3598.00
Providing and fixing 20mm thick gang saw water cut sadarhalli grey granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing. (P.No-106 ,I No-14.61.1)								
For Steps		21.00	0.90		0.15	2.835		
		20.00	0.90		0.30	5.400		
landing slab GF,FF		2.00	1.80		0.90	3.240	1932	22169.70
						11.475	2083.96	23,913.44
3 KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @ 0.5175 cum and fine aggregates @ 0.345cum, with superplasticiser @ 0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P-14, I.No-4.19)								
screed concrete	sqm	1.00	8.07	10.81		87.24	473.86	41338.00
4 KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and HOM of machinery complete as per specifications.								
GF and FF	2.00	8.00	1.50		1.20	28.80		
GF and FF	2.00	2.00	0.90		1.20	4.32		
	2.00	1.00	0.60		0.45	0.54	3209.68	10807.85
	Sqm					33.66	3219.22	108358.95

Description	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 7.3 : Providing and fixing 1mm thick M.S. sheet garage door with frame and diagonal braces of size 40x40x6 mm angle Iron, 3.15mm thick M.S. Gusset plates at the junctions and corners, with handles, stoppers and locking arrangements etc., including applying a priming coat of red lead paint cost of materials, labour, HOM of machinery complete as per specifications.								
GF		1.00	1.05		2.10	2.21		
GF		1.00	0.75		2.10	1.58		
		1.00	1.05		2.10	2.21		
		1.00	0.75		2.10	1.58	2700.00	20412.00
						7.56	2852.46	21564.60
Providing and fixing M.S. Hand railing for Bolcony/Staircase with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections should be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.(P-42, I.No-4.35)								
For Staircase								
GF,FF		2	6.1		0.75	9.15	2770.84	25353.19
7 KSRB 15.10.1 Providing white washing to new wall surface in twocoats with lime of approved quality, to give an even shade includingcost of materials, labour, complete as per specifications. (P-111, I.No-15.38)								
Quantity same as External plastering	sqm					193.24	8.48	1639.00
8 KSRB 15-14.1 : Providing and applying two coats with oil boundwashable distemper of approved brand and shade on wall surfaceincluding priming coat with distemper primer after throughlybrooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth,cost of materials, labour, complete as per specifications. (P-113, I.No-15.49)								
Quantity same as internal plastering	sqm					377.55	65.72	24813.00
9 KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to givean even shade after throughly brooming the surface to remove all dirtand loose powdered material, free from mortar drops and other foreignmatter cost of materials, labour, complete as per specifications.(P-114, I.No-15.53.1)								
15.53.2 ~~do~~ with primer								
Quantity same as External plastering						374.22	79.50	29750.00
) KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (P.No-74 ,I No-12.5)								
	3	1			3.00	Each	5230.04	15,690.12

Description	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 11-11.4 : Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a single 15mm C.P. brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (P.No-78, I No-12.26)		3	1				2837.62	8,512.86
KSRB 11-15.4 : Providing and fixing 450x350mm dia oval shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No-79, I No-12.42)							929.62	2,788.86
KSRB13-6.2-1 : Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. (P.No-88, I No-13.26)		3	1.00			3.00	929.62	2,788.86
KSRB13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. (P.No-88, I No-13.23)		3	2			6.00	169.6	1,017.60
KSRB13-6-1-1 : Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. (P.No-85, I No-12.113.2)		3	2			6.00	302.10	1,812.600
Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). (P.No-85, I No-12.113.2)								
Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No-92, I No-12.111)		3	2			6.00	169.6	1,017.60
KSRB13-6-4-3 : Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. (P.No-85, I No-12.113.2)		2				2.00	630.7	1,261.400
KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity). (P.No-91, I No-13.78)								
Providing and fixing Chorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc). (P.No-93, I No-13.86.3)		1	15.00			15.00		
From Motor to Tank		1	8.00			8.00		
Tank To FF		1	16.00			16.00		
Tank To GF								
KSRB 8-6-5 : Providing and fixing on wall surface 2.5 kg / sq.cm H.D.P.E. rain down water pipes 110 mm outer dia approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, curing complete as per specifications. (P.No-47, I No-8.17)							265.00	10,335.00

Description	Unit	No	B	B	B	Qty	Rate	Amount
For Rain Water Down Pipe	4	8.50				34.00 Rmtr	503.50	17,119.00
KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.(P.No-70,I No-11.50)								
	10					10.00 Each	6600.62	66,006.20
							23699.52	2467288.68
							For Electrical Works 7.50%	185046.65
							Towards Tender Premium 10%	246728.87
							For DPR and PMC	74018.66
							Sub Total	2973082.86
							2875746	
Micellaneous							124254	26917.14
							18	
							Grand Total	3000000.00

Signature

Signature

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ರಾಜರಾಜೇಶ್ವರಿ ನಗರ ವಿಭಾಗ
ಜಿ.ಜಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-72

ನಂ.: 121 ದಿನಾಂಕ: 29/10/15

ರೂ. 30,00,000 = 30 Thirty
lacks only

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

Signature

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ರಾಜರಾಜೇಶ್ವರಿ ನಗರ ವಿಭಾಗ
ಜಿ.ಜಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-72

TECHNICAL SANCTION

Rs: Thirty lacks only is accorded

under the head: P-3089

By CE(R.R.N.): 184

Registered as CE (R.R.N) No: 50-51 subject

to conditions contained in enclosed memo

No: 184/15-16 Date: 29/10/15

TA: ME CE(R.R.N.)